

MARINCAS, V.

GEOGRAPHY & GEOLOGY

Periodicals STUDII SI CERCETARI DE GEOLOGIE-GEOMORFIE Vol. 8, no. 1/2,
Jan./June 1957.

MARINCAS, V.; BALUTA, C. Additions to the study of the Sarmatian
microfauna from Dealul Magura, Strei River Valley. p. 83.

Monthly List of East European Accessions (EEAI) IC. Vol. 8, No. 5, 3
~~May~~ 1959, Unclass.
March

FAUR, A., conf.; MARINCA, E., dr.; ORHA, I., dr.

Contribution to the study of some complications of corticotherapy.
Med. intern., Bucur 12 no.12:1883-1838 D '60.

I. Lucrare efectuata in Clinica I medicala, I.M.F. Cluj. director,
adac. A. Moga.

(ADRENAL CORTEX HORMONES toxicology)
(ADRENAL GLAND neoplasms) (ADRENAL CORTEX pathology)
(HYPERTENSION etiology)

MARINC, Ivo, tekst. tehn. (Celje)

Contemporary methods in the study of work. Nov: proizv 3/4:
198-204 '64.

MARINC, I.

Preparation for weaving dyed material with two bears. p. 123. (ZAGREB, Vol 4, No. 2, Feb. 1955.)

SO: Monthly Lists of East European Accessions. (EEAL, LC, Vol 4, No. 6, June 1955, Uncl.

MARINC, A

Circular time base with radical deflection on cathode-ray tubes with an x-y deflecting system. p. 73.
ELEKTROTEHNIŠKI VESTNIK. (institute za elektrisko gospodarstvo
Fakulteta za elektroliniko in Institut za elektrizacijo)
Ljubljana. Vol. 24, no. 415, 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

MARINBERG, V.A.

Some problems in X-ray diagnosis and dynamics of polyposis gastrica.
Trudy 1-MMI 16:131-140 '62. (MIRA 17:4)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. N.N.Yelanskiy)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni
Sechenova.

MARINBERG, V.A.

Polyposis gastrica. Voen.-med. zhur. no.5:82 My '61. (MIRA 14:8)
(STOMACH--DISEASES)

MARINBERG, V. A.

"Gastric Polypsis"

Voenno-Meditsinskiy Zhurnal, No. 5, 1961 PP. 80-84

MARINBERG, V.A.

X-ray changes in diffuse hemangioma of the extremities. Vest.
rent. 1 rad. 34 no.3:71 My-Je '59. (MIRA 12:10)

1. Iz Taganskoy polikliniki (glavvrach G.A.Valasik).
(EXTREMITIES, neoplasms
angioma, x-ray changes (Rus))
(ANGIOMA, case reports
extremities, x-ray changes (Rus))

SHKROB, O.S., kand.med.nauk; MARINBERG, V.A., kand.med.nauk

Differential diagnosis of disorders of gastric evacuation
following stomach resection. Khirurgiia 35 no.2:33-41
F '59. (MIRA 12:5)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni akad.
N.N.Burdenko (dir. - zasluzhennyy deyatel' nauki prof.
N.N.Yelanskiy) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M.Sechenova.
(GASTRECTOMY, compl.
postop. gastric hypotonia, differ. diag.
(Rus))

MARINBERG, V.A.

~~Parallel~~ rentgenologic and anatomic manifestations in craniopharyngioma.
Vest. rent. 1 rad. 32 no.1:8-10 supplement '57 (MLBA 10:5)

1. Iz rentgenovskogo otdeleniya Instituta neyrokhirurgii Akademii
meditsinskikh nauk SSSR.
(CRANIOPHARYNGIOMA, diag.
x-ray & pathol. changes)

MARINBERG, V.A.

Penetration of barium into the free abdominal cavity in
fistulography. Vest.rent. i rad. no.5:88-89 S-O '55.

1. Iz fakul'tetskoy khirurgicheskoy kliniki I Moskovskogo
ordena Lenina meditsinskogo instituta (direktor kliniki--
zasluzhennyy deyatel' nauki prof. N.N.Yelanskiy)

(FISTULA, intestinal

x-ray, barium penetration into free abdomen)

(INTESTINES, fistula

x-ray, same)

(ABDOMEN

barium penetration during fistulography)

MARTINBERG, V. A.

Analysis of Certain Errors in X-Ray Diagnosis of Abdominal Cancer.

VOYENNO-MEDITSINSKIY ZHURNAL(MILITARY MEDICAL JOURNAL) No 3, 1955. P. 18

MARINBERG, V.A., kandidat meditsinskikh nauk

Problem of melorheostosis. Vest. rent. i rad. no.6:73-77 N-D '54.
(MIRA 8:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (rukovoditel' zasluzhen-
nyy deyatel' nauki prof. N.N.Elanskiy) i Moskovskogo ordena Lenina
meditsinskogo inatituta.

(OSTEOSCLEROSIS,
melorheostosis)

MARINBERG, V.A.; KIPRENSKIY, Yu.V.

Albright's disease. Ortop., travm. i protez. 25 no.3:62-71 Mr '64.
(MIRA 18:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki imeni N.N.Burdenko
(dir. - zasluzhennyy deyatel' nauki prof. N.N.Yelanskiy) I
Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.
Sechenova. Adres avtorov: Moskva, B.Pirogovskaya ul., d.2/6,
Khirurgicheskaya klinika imeni Burdenko.

DUBOVSKOY, I.T.; IATSKOVA, V.Ye.; MARINBERG, S.V.; URUSOV, A.V.; UL'MISHEK, G.F.;
KHENVIN, T.I.

Upper-Permian and Triassic sediments of the western and northern
parts of the north-Caspian oil- and gas-bearing basin. [Trudy]
NILneftegaza no.10:236-256 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh
kriteriyev otsenki perspektiv neftegazonosnosti; Nizhnevolzhskiy
nauchno-issledovatel'skiy institut geologii i geofiziki i
Volgogradskiy nauchno-issledovatel'skiy institut neftyanoy i
gazovoy promyshlennosti.

GRACHEVSKIY, M.M.; MARINBERG, S.V.; MOZHAYEV, N.S.; UL'MISHEK, G.F.

Lower Kazan uncompensated trough in Orenburg Province. Neftegaz.
geol.i geofiz. no.9:20-24 '63. (MIRA 17:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteri-
yev otsenki perspektiv neftegazonosnosti Gosudarstvennogo geologi-
cheskogo komiteta SSSR.

KUCHINSKIY, G.A.; MARINBAKH, Ye.B.

Resolving power of contrast examination of the inferior vena
cava in tumors of the retroperitoneal space. Vest. rent. i
rad. 40 no.1:33-38 Ja-F '65. (MIRA 18:6)

1. Rentgeno-radiologicheskiy otdel (zav.- prof. I.L. Tager)
i 2-ye khirurgicheskoye otdeleniye (zav. V.I. Yanishevskiy)
Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR,
Moskva.

MARINBAKH, Ye.B., kand. med. nauk

Surgical treatment of patients with extensive cancer of the urinary bladder. Urologia. 29 no.2:44-49 Mr-Apr '64. (MIRA 18:7)

1. 2-ya khirurgicheskaya klinika (zav. - dotsent V.I.Yanishevskiy)
Instituta eksperimental'noy i klinicheskoy onkologii (dir. -
deystvitel'nyy chlen AMN SSSR prof. N.N.Elokhin) AMN SSSR.

MARINBAKH, Ye. B.

MARINBAKH, Ye. B. -- "Cancer of the Prostate Gland (Clinic, Diagnosis, and Treatment)." Sub 17 Jun 52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Candidate in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

MARINBAKH, Ye. B.

Marinbakh, Ye. B. — "An Xpray investigation of cancer of the prostate gland,"

In the symposium: Voprosy prakt. urologii, Moscow, 1949, p. 74-84

SO: u-5241, 17 December 1953, (Letopis 'zhurnal 'nykh Statey, No. 26, 1949).

MARINBAKH, L.M.; KANDALIN, V.V.

Evaluating the quality of cast iron by the carbon equivalent.
Lit. proizv. no.2:40-42 F '65. (MIRA 18:6)

ACC NR: AT6022718

vary at will the length of the trajectory between any two consecutive correction points. In polar regions, the lengths of the trajectory between the two consecutive correction points should be longer. On the equatorial astrocompass, the error in the geographical coordinates is solely due to the zenital distance of the point of greatest sensitivity. For the horizontal astrocompass, the same error depends on the star's altitude. The useful range of application of equatorial compasses may be extended all the way to the equator by the judicious selection of the proper star. Orig. art. has: 7 formulas, 8 graphs.

SUB CODE: 17 / SUBM DATE: Mar65/ ORIG REF: 010

Card 2/2

ACC NR: AT6022718

SOURCE CODE: UR/2556/65/000/037/0046/0060

AUTHOR: Marinbakh, A. B. (Moscow)

ORG: Orekhovo-Zuyev Pedagogical Institute, Moscow Department of VAGO (Orekhovo-Zuyevskiy pedagogicheskiy institut, Moskovskoye otdeleniye VAGO)

TITLE: Setting an astrocompass to geographical coordinates

SOURCE: Vsesoyuznoye astronomo-geodezicheskoye obshchestvo. Byulleten', no. 37, 1965, 46-60

TOPIC TAGS: aircraft automatic pilot, navigation aid, celestial navigation, navigation compass

ABSTRACT: The author discusses the use of navigation astrocompasses in aerial navigation. Errors due to reading the star's azimuth from the true as opposed to the estimated meridian do not affect the aircraft's deflection from the programmed orthodrome (course). Permissible error in the coordinates is well within the permissible error in the bank angle of the astrocompass and does not depend on the latitude. With the compass locked on a star, the error in course is entirely due to the aircraft not reaching the predetermined position. To avoid error, the final destination should be on the orthodrome and not to one side of it. The star should be so selected as to require the least possible number of the course corrections. It should be possible to

Card 1/2

MARINBAKH, A.B.

Calculating the azimuth of a coronagraph. *Biul. VAGO* no. 32:22-29
'62. (MIRA 15:11)

1. Orekhovo-Zuyevskiy pedagogicheskiy institut, Moskovskoye
otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Telescope, Reflecting)

MARINBAKH, A.B., dotsent, kand.tekhn.nauk

Geodetic control of large-scale earthwork. Izv.vys.
ucheb.zav.; geod.i aerof. no.5:67-75 '59. (MIRA 13:3)
(Earthwork) (Surveying)

MARINBAKH, A.B.

The effect of the position error of a ship on the correction
of the compass as determined astronomically [with summary in
English]. Astron.zhur. 34 no.3:474-476 My-Je '57.
(MLRA 10:7)

(Nautical astronomy)

33-3-21/32

The influence of the position error of a ship on the astronomically determined compass correction.

There are 1 figure and 3 Slavic references.

SUBMITTED: October 17, 1956.

AVAILABLE: Library of Congress

Card 2/2

MARINBAKH, A. B.

33-3-21/32

AUTHOR: Marinbakh, A.B.

TITLE: The influence of the position error of a ship on the astronomically determined compass correction. (Vliyanie oshibki mesta sudna na opredelyaemyu astronomicheski popravku kompasa)

PERIODICAL: "Astronomicheskii Zhurnal" (Journal of Astronomy), 1957, Vol. 34, No. 3, pp. 474-476 (U.S.S.R.)

ABSTRACT: The influence of the errors in the dead-reckoning position of a ship on the correction of a compass, determined from the bearings of a celestial object, is investigated. It is shown that these can be excluded at any latitude. The author disagrees with most of the astronomical handbooks which recommend that the celestial object should be chosen either near the pole or near the first vertical circle. Small altitude of the celestial object can be shown to ensure that the above errors are negligible, and also lowers the instrumental errors. It is also shown that the position line parallel to the course of the ship, allows one not only to correct the dead-reckoning position, but also to find the compass correction for a given course without the exact knowledge of the ship's position.

Card 1/2

MARINBAKH, A. B.

PA 187T8

USSR/Astronomy - Geodesy

Jul/Aug 51

"Astronomical Determination of Geodetic Azimuth,"
A. B. Marinbakh, Moscow Inst of Geodesy, Aerial
Photography and Mapping

"Astron Zhur" Vol XXVIII, No 4, pp 263-277

Presents method which, within geodesic net, reduces
number of reference points for astronomical longi-
tudes and latitudes and does not require detn of
astronomical longitudes (time errors) in all lati-
tudes with equal accuracy. Author was assisted by
Prof Dr M. S. Zverev and V. E. Brandt.

LC

187T8

MARINBAKH, A. B.

USSR/Geophysics

Mapping
Coordinates

Feb 49

"The Possibility of Astronomically Determining the Geodetic Azimuth Without Knowing the Astronomical Coordinates of a Point," A. B. Marinbakh, Moscow Inst of Engineers of Geodesy, Aerophotosurvey and Cartography, 4 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 6

Devised method to determine the astronomical longitude with error proportional to the secant of the latitude of a point, while the permissible error in obtaining the Laplace azimuth is proportional to the tangent of this latitude. Submitted by Acad V. G. Yessenkov, 3 Aug 48.

29/49741

MARINEVSKI, A. B.

Cand. Tech. Sci.

Dissertation: "Concerning Astronomical determination of a Geodetic
Azimuth." 17 Jun 49

Moscow Inst. of Engineers of Geodesy, Aerial Photography and Cartography,
Ministry of Air Defense, USSR

**SO Vecheryaya Moskva
Sum 71**

MARINBAKH, A. B.

"Concerning Astronomical Determination of a Geodetic Azimuth." Thesis for degree of Cand. Technical Sci. Sub 17 Jun 49, Moscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography, Ministry of Air Defense USSR

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

MAR'INA, Yu, N.

Mar'ina, Yu, N. "Determining types of pestilential bacteriophage," Trudy
(ROst. n/D gos. nauch.-issled. protivochum. in-t), Vol. VII, 1948, p. 137-48

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

VSEVOLOZHSKIY, L.A.; MARINA, Ye.N.

Control of spinning solution level in the deaerator. Khim.
volok. no.2:72-73 '64. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut steklyannogo
volokna.

L 2109-66

ACCESSION NR: AP5024176

logically changed higher nervous activity of neurotic persons. Orig. art. has: 3
figures. [06]

ASSOCIATION: Tomskiy meditsinskiy institut (Tomsk Medical Institute)

SUBMITTED: 08Mar65

ENCL: 00

SUB CODE: LS

NO REF SOV: 001

OTHER: 005

ATD PRESS: 413

Card 3/3

L 2109-66

ACCESSION NR: AP5024176

encephalograph using implanted bipolar electrodes. In a second group of experiments, 35 healthy persons and 45 neurotic patients aged 21 to 52 yr. were given single doses (10 drops) of the extract or 3 doses a day for 10 days. Cortical excitation and inhibition were determined by the latent period between question and response, nature of the response, negative reactions or persistent reactions, and nature of motor responses. In rabbit EEG's, the effect of the root extract is expressed in the form of alternating periods of spontaneous, low voltage, synchronized rhythm and "rest" rhythm. These EEG changes last for 30—75 min and are more pronounced with the 0.2 and 1 ml/kg doses. The root extract does not eliminate the depressant effect of chloral hydrate, medinal, and aminazine, but does reduce the intensity of their effects and promotes faster EEG normalization. The extract has a considerably more antagonistic effect toward chloral hydrate and medinal than toward aminazine. In healthy persons, a single dose of the extract produced no changes. In neurotic persons, however, a single dose reduces the speech latent period by 1 to 3 sec and eliminates stereotype responses and negative reactions. This favorable effect is of brief duration, by the end of the third day the higher nervous activity of the patients had returned to the initial pathological state. After the 10 day treatment, the neurotic patients were all considerably improved, with a reduced latent period, higher power of concentration, and more meaningful responses [duration of favorable effects is not given]. Rhodiola rosea extract primarily intensifies cortex excitation processes and normalizes patho-

L 2109-66

ACCESSION NR: AP5024176

UR/0290/65/000/002/0120/0125
615.32+615.739

AUTHOR: ^{44.5}Saratikov, A. S.; ^{44.5}Marina, T. F.; ^{44.5}Kaliko, I. M.

TITLE: Stimulant effect of Rhodiola rosea on higher brain centers

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya biologo-meditsinskikh nauk, no. 2, 1965, 120-125

TOPIC TAGS: pharmacognosy, experimental animal, nervous system drug, drug effect, cerebral cortex, electroencephalography, psychophysiology, bodily fatigue

ABSTRACT: The stimulant effect of Rhodiola rosea (golden root) was investigated in rabbits by the electroencephalographic method, and in healthy and neurotic persons using a speech-motor method. In the experiments with rabbits, EEG's were recorded prior to spinal administration of 0.05, 0.2, and 1 ml/kg doses of Rhodiola rosea root extract, 45 min later, during sciatic nerve stimulation, and during rhythmic light flashes. In additional experiments, the effect of the root extract was investigated after intravenous administration of CNS depressants (chloral hydrate, 75 mg/kg; medinal, 100 mg/kg; and aminazine, 5 mg/kg). Bioelectric activity of the sensory-motor and occipital areas of the cortex was recorded on a 4-channel electro-

Card 1/3

SARATIKOV, A.S.; MARINA, T.F.

Action of camphor in acute disorder of the coronary circulation.
Farm. i toks. 25 no.2:202-209 Mr-Apr '62. (MIRA 15:6)

1. Kafedra farmakologii Tomskogo meditsinskogo instituta.
(HEART--INFARCTION)
(CAMPHOR--PHYSIOLOGICAL EFFECT)

SARATIKOV, A.S.; MARINA, T.F.; BARKOVSKAYA, G.Ye.

Effect of camphor on the coronary blood flow and on some indices of carbohydrate and oxygen metabolism of the myocardium. Farm. i toks. 25 no.1:77-81 Ja-F '62. (MIRA 15:4)

1. Kafedra farmakologii Tomskogo meditsinskogo instituta.

(HEART—MUSCLE) (CORONARY VESSELS)
(CAMPHOR—PHYSIOLOGICAL EFFECT) (CARBOHYDRATE METABOLISM)
(RESPIRATION)

MARINA, T.F.; SARATIKOV, A.S.

Effect of camphor on the coronary vessels in experimental coronary insufficiency. Farm. toks. 24 no.3:289-291 My-Je '61. (MIRA 15:1)

1. The Chair of Pharmacology of the Tomsk Medical Institute.
(CAMPHOR__PHYSIOLOGICAL EFFECT) (CORONARY VESSELS__DISEASES)

MARINA, T.F.

Pharmacological papers at a conference of the West Siberian Association of Physiologists, Biochemists, and Pharmacologists, dedicated to the 40th anniversary of the Great October Socialist Revolution. Farm. 1 toks. 21 no.5:91-93 S-0 '58 (MIRA 11:11)
(PHARMACOLOGY)

MAR'INA, S.A.

Combine operator Nikolai Bondarenko. Nauka i pered. op. v sel'khoz.
7 no.2:70 F '57. (MLBA 10:3)
(Bondarenko, Nikolai)

MARINA, Ovidiy Yustinianovich [Marina, Ovidiu]; MESHALKIN, Ye.N.,
red.; POGOSKINA, M.V., tekhn. red.

[Diagnosis of aortic coarctation] Diagnostika koarktatsii aorty.
Moskva, Medgiz, 1961. 208 p. (MIRA 15:12)
(AORTA--DISEASES)

MARINA, O.Yu., Cand Med Sci -- (diss) "Diagnosis of coarctation of the aorta." Mos, 1959, 18 pp; 4 sheets of tables (Second Mos State Med Inst in N.I. Pirogov) (KL, 28-59, 131)

- 118 -

MARINA, O.I.; MEDVEDEV, I.A.

Cardioangiography and aortography in diagnosis of coarctation of the aorta. Med. int., Bucur. 9 no.7:1101-1109 July 57.

1. Lucrare efectuata in clinica S. I. Spasokukotki a Institutului de medicina nr. din Moscova - Director acad. A. N. Bakulev.

(COARCTATION OF AORTA; diagnosis

aortography & cardioangiography, indic. & value)

(ANGIOGRAPHY

aortography & cardioangiography in coarctation of aorta,
indic. & value)

MARINA, N.V.

ARISKINA, N.P.; MARINA, N.V.

Fungus diseases of shelterbelt plantings in the Tatar Republic.
Uch.zap.Kaz.un.115 no.8:143-158 '55. (MLRA 10:3)

1. Deystvitel'nyy chlen Obshchestva yestestvoispytateley.
(Tatar A.S.S.R. -- Fungi, Phytopathogenic)
(Windbreaks, shelterbelts, etc)

NOVAKOVSKIY, S.V.; MAR'INA, N.I.

Sensitivity of color television systems to linear distortions and
noise. Radiotekhnika 19 no.8:44-52 Ag '64. (MIRA 17:9)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva
radiotekhniki i elektrosvyazi imeni A.S. Popova.

NOVAKOVSKIY, S.V.; BELYANIN, S.G.; MAR'INA, N.I.

Experimental study of the choice of color signals for color television. Radiotekhnika 17 no.8:43-52 Ag '62. (MIRA 15:7)

1. Deystvitel'nyye chleny Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.
(Color television)

MARINA, M.A., aspirant

Importance of the content of urea in the saliva of animals.
Zhivotnovodstvo 24 no.6:93-94 Je '62. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konevodstva.

MARINA, Mar'ya [Maryna, Mar'ia]

Creators of new fabrics. Rab. 1 sial. 34 no.9:4-5 S '58.

(MIRA 11:10)

(Grodno--Textile industry)

GAVRILA, I., prof.; COMES, L., dr.; JCSAN, R., dr.; SERBAN, I. dr.; MARINA, M. dr.; BOTA, R., dr.

Study of the sensitivity of the tests of dysproteinemia (thymol, Takata and Grinsted) in comparison with enzyme tests (transaminase and aldolase) in epidemic hepatitis and in other hepatic diseases. Med. intern. (Bucur.) 16 no. 6: 709-721 Je '64

1. Lucrare efectuata in Clinica de boli contagioase, Cluj (director: prof. I. Gavrilă).

GAVRILA, I.; JOSAN, R.; MARICA, H.; MIHAI, I.; POP, A.; TRAVU, C.

Reactions and clinical therapy in epidemic hepatitis. Med.
seriet. med. intern. 5 no.3:115-24, 1961.

GAVRILA, I., prof.; COMES, L., dr.; JOSAN, R., dr.; MARINA, M., dr.;
PIRVU, C., dr.; CUCU, A., dr.

Contribution to the study of recurrences in epidemic hepatitis.
Med. intern. 14 no.12:1455-1468 D '62.

1. Lucrare efectuata in Clinica de boli contagioase, I.M.F. Cluj.
(HEPATITIS, INFECTIOUS)

GAVRILA, I., prof.; JOSAN, R., dr.; SERBAN, I., dr.; IEPUREANU, A., dr.;
MARINA, M., dr.

Epidemic hepatitis and pulmonary tuberculosis. Med. intern. 14
no.1:33-40 Ja '62.

1. Lucrare efectuata in Clinica de boli contagioase Cluj (Director:
prof. I. Gavrilă).

(HEPATITIS, INFECTIOUS complications)
(TUBERCULOSIS, PULMONARY complications)

GAVRILA, I.; COMES, L.; IGNA, M.; BERDILA, L.; MARINA, M.; TURCAS, C.;
KIRALY, M.

Transaminase and aldolase in the diagnosis of epidemic hepatitis.

Stud. cercet. med. intern. 3 no.4:461-471 '62.

(JAUNDICE)

(HEPATITIS, INFECTIOUS)

(ASPARTATE AMINOTRANSFERASE)

(ALDOLASE)

MIRINA, M.
DURNOV, V.; MAR'INA, M.

Seminars at the All-Union Agricultural Exhibition. Nauka i pered.
op. v sel'khoz. 8 no.1:36 Ja '58. (MIRA 11:2)
(Moscow--Agricultural exhibitions)

POSTNIKOVA, Ye.N.; ZOLIN, G.A.; MARINA, L.V.; NAVRATSEV, Z.A., SHEVE-
LEVICH, L.M.; SHOR, M.S. (Moskva)

Effectiveness of streptomycin and PAS in treating pulmonary tu-
berculosis. Prob.tub.no.4:42-46 J1-Ag '55. (MLRA 8:10)

(TUBERCULOSIS, PULMONARY, ther.

PAS & streptomycin)

(SALICYLIC ACID, ther. use

tuberc.pulm. with streptomycin)

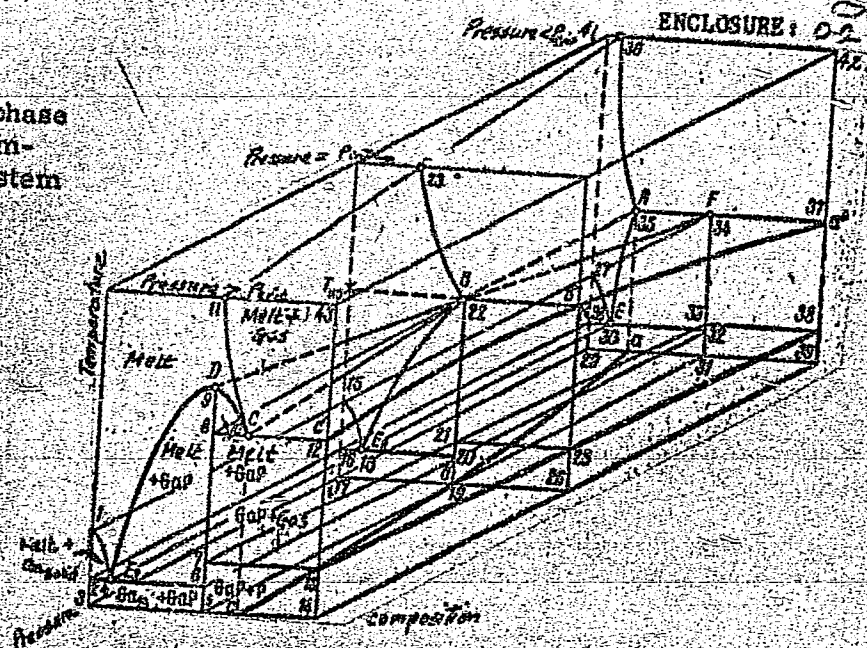
(STREPTOMYCIN, ther. use

tuberc.,pul.,with PAS)

I 10522-65

ACCESSION NR: APL033394

Fig. 2
Hypothetical spatial phase
diagram of the gallium-
gallium phosphide system



ard 4/4

10522-65
ACCESSION NR: AP4033394

ENCLOSURE: 01

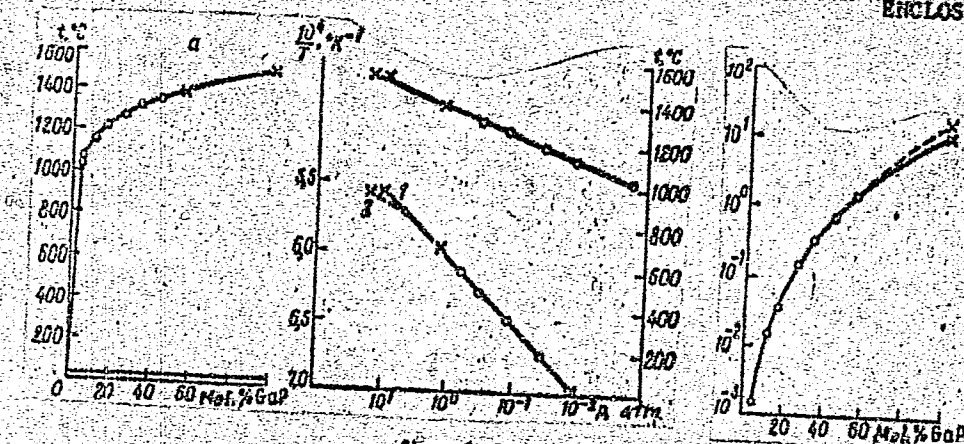


fig. 1

Structural diagram of gallium-gallium phosphide in coordinates: a. t-x, b. t-p
[1-10.5 atm. 2-16.2 atm. (L. I. Marina, A. Ya. Nashel'skiy, S. V. Yakobson,
Zh. fiz. khimii, 36, 1086, 1962)] c. p-x, constructed from experimental and
calculated data. Pressure (in atm.) is along the ordinate axis

Card 3/4

L 10522-65

ACCESSION NR: AP4033394

phosphorus vapor pressure of 16.2 atm. The latent heat of fusion of gallium phosphide at temperatures below 1270C is 30.7 ± 1.1 kcal/mole. "V.I. Bakarinova participated in the work." Orig. art. has: 3 figures and 1 table

ASSOCIATION: Gosudarstvennyy institut redkometallicheskoj promyshlennosti "Giredmet" (State Institute of the Rare Metal Industry "Giredmet")

SUBMITTED: 17Oct62

ENCL: 02

SUB CODE: IC, MM-

NO REF SOV: 004

OTHER: 007

ard 2/4

10522-65 EWT(m)/EWP(b)
ACCESSION NR: AP4033394

IJP(c)/RAEM(t) JD
S/0076/64/038/003/0551/0555

AUTHOR: Marina, L. I. (Moscow); Nashel'skiy, A. Ya. (Moscow);
Vigdorovich, V. N. (Moscow); Bakanova, D. D. (Moscow)

TITLE: Investigation of alloys of the gallium-gallium phosphide system

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 3, 1964, 551-555

TOPIC TAGS: gallium, gallium phosphide system, alloy, gallium alloy, melting point, heat of fusion, gallium phosphide, phase diagram

ABSTRACT: The gallium-gallium phosphide system was studied, and the temperature and heat of fusion of gallium were determined. Since gallium phosphide decomposes on melting to a melt rich in gallium and phosphorus vapor, the three independent variables, concentration x , temperature T , and pressure p for the gallium-gallium phosphide system were plotted (see Fig. 1 of enclosure) and a spatial phase diagram was constructed (see fig. 2 of enclosure). The melting point of gallium phosphide was found to be 1522C at an equilibrium

Card 4

L 12454-65

ACCESSION NR: AP4048431

lamellar crystals revealed not only dislocations, but also other structure defects such as bands or spirals of growth. Dislocation etch pits were described as triangular pyramids uniformly distributed in most lamellar crystals and clustered around the boundary between two differently oriented regions in acicular crystals. Two differently oriented regions were also observed in lamellar crystals. These observations led to the conclusion that some of the crystals grown by either method were twins or contained differently oriented inclusions. Orig. art. has: 2 figures.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proektnyy institut redkometallicheskoy promyshlennosti, Moscow (State Design and Planning Scientific Research Institute of the Rare Metals Industry)

SUBMITTED: 15May64

ENCL: 00

SUB CODE: SS

NO REF SOV: 001

OTHER: 004

ATD PRESS: 3126

Card 2/2

L-12464-85 ENG(j)/EWT(m)/EPF(c)/EPR/EWP(t)/EWP(b) Pr-4/Ps-4 AS(mp)-2/
RAEM(e)/RAEM(c)/ESD(gs)/ESD(t) JD/JG
ACCESSION NR: AP4048431

S/O181/64/006/011/3467/3468

AUTHOR: Shestakova, N. A.; Gurevich, M. A.; Marina, L. I.;
Nashel'skiy, A. Ya.

TITLE: Micrographic investigation of gallium-phosphide crystals

SOURCE: Fizika tverdogo tela, v. 6, no. 11, 1964, 3467-3468

TOPIC TAGS: compound semiconductor, gallium phosphide crystal, single crystal growth, crystal etching, crystal structure defect, crystal dislocation, twin crystal

ABSTRACT: The microstructure of gallium-phosphide crystals has been studied using a new etching formulation to reveal structural differences between the crystals grown by different methods (from stoichiometric or nonstoichiometric melts and from vapor phase). The practical importance of gallium phosphide was emphasized as one of the most promising AIIIBV-compound semiconductors. The etching formulation contained trivalent iron ion as an oxidant and hydrochloric acid as the solvent for gallium oxide. Micrographs of the etched acicular or

Card 1/2

Investigation of the vapor ...

S/076/62/036/005/012/013
B101/B110

$\log P = -10,760/T + 9.996$. (2) At the melting point of gallium phosphide (1525°C), the vapor pressure is 13.45 atm. (3) The heat of formation of gallium phosphide is $49,511 \pm 2970$ cal/mole. There are 3 figures and 1 table. The most important English-language references are: D. Mandelkorn, Proc. 9, K. E., 47, 2012, 1959; G. Wolff, P. H. Keck and J. D. Broder, Phys. Rev., 94, 753, 1954; C. J. Frosch and L. Derick, J. Electrochem. Soc., 108, 1961.

ASSOCIATION: Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut redkoy metallicheskoj promyshlennosti (State Design and Planning Scientific Research Institute of the Rare Metals Industry)

SUBMITTED: August 8, 1961

Card 2/2

MARINA, I., prokuror (Irkutsk); SALEY, A.; KISELEV, P., dispatcher;
KOVESHNIKOV, P. (Rostovskaya obl., Belokalitvinskiy rayon);
BORGUL', A.; SUPRUN, A. (Khar'kov); MUSAYEV, A.

Readers suggest, advise and criticize. Sov. profsoiuzu 19
no.13:36-37 JI '63. (MIRA 16:9)

1. Chlen fabrichnogo komiteta Grodnenskogo tonkosukonnogo kombinata (for Salay).
 2. Makeyevskiy koksokhimicheskiy zavod (for Kiselev).
 3. Predsedatel' rabocheho komiteta Vedenovskogo sovkhoza, Kokchetavskaya obl. (for Borgul').
 4. Vagonnoye depo stantsii Kirovabad Azerbaydzhanskoy zheleznoy dorogi (for Musayev).
- (Trade unions)

CIA-RDP86-00513R00103231000

37637
S/076/62/036/005/012/013
B101/B110

Marina, L. I., Nashel'skiy, A. Ya., and Yakobson, S. V.
Investigation of the vapor pressure of gallium-phosphide dissociation

26 1420
AUTEORS:

TITLE:

PERIODICAL:

Zhurnal fizicheskoy khimii, v. 36, no. 5, 1962, 1086-1088
TEXT: The heat of formation and the vapor pressure on dissociation were determined for gallium phosphide, synthesized by zone melting of an unsaturated solution of gallium phosphide in gallium with phosphorus. The gallium excess remaining after the melting process was removed by dissolution in HCl in the presence of a platinum catalyst. X-ray analysis revealed only one phase, the data of which were consistent with dissociations. The vapor pressure was determined by the "dew-point method" used by K. Weisser, (J. Phys. Chem., 61, 513, 1957). Although the dissociation of the yellow phosphorus from yellow to red interfered with the dissociation of the yellow phosphorus began. Results: Gallium-phosphide dissociation obeys the equation

SEREBRYAKOVA, A.V.; MARINA, G.F.; TSILENKO, V.T.

Preparation of silicon tetrachloride from waste products of
abrasives plants. Khim. prom. 41 no.2:60-63 F '65. (MIRA 18:4)

1. Ukrainskiy gosudarstvennyy proyektnyy institut tsvetnoy
metallurgii.

FRISHMAN, M.P.; SHCHEPKOVSKAYA, Ye.V. [deceased]; NIKOL'SKAYA, Ye.P.; MARINA, A.I.; MEKSINA, B.I.; RUDAYEV, M.I.

Syphilis of the internal organs and of the nervous system in Kharkov during the past 8 years (1955-1962). Vest. dermat. i ven. 38 no.6:81-85 Je '64. (MIRA 18:6)

1. Ukrainskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut (dir. - dotsent A.I.Pyatikop), Khar'kov.

NIKOL'SKAYA, Ye.P.; FRISHMAN, M.P.; SHCHEPKOVSKAYA, Ye.V.; GOLCTINA, Z.S.;
MARINA, A.I.

Treatment of syphilis patients with penicillin combined with
bismuth preparations. Vest. dermat. i ven. no.2:54-58 '64.

(MIRA 17:11)

1. Otdel sifilidologii (zav. M.P. Frishman) Ukrainского nauchno-
issledovatel'skogo kozhno-venerologicheskogo instituta (dir. -
dozent A.I. Pyatikop), Khar'kov.

MARINA, A.A.

Elimination and subsequent prevention of malaria in the Udmurt
A.S.S.R. Med. paraz. i paraz. bol. 33 no.1:71-74 Ja -F '64
(MIRA 18:2)

1. Gorodskaya sanitarno-epidemiologicheskaya stantsiya (glavnyy
vrach K.M. Opaleva), Izhevsk.

CHERNOVALOV, M.; MAR'INA, A.

Rodents and their control. Muk.-elev.prom. 22 no.3:26-27 Mr '56.
(Rodent control) (MLRA 9:7)

MARIN-MOSCOVICI, I. dr

HERISAN, S., Dr.; GORESCU, I., dr.; MARIN-MOSCOVICI, I., dr.

Notes on a case of acute myeloleukosis treated with cortisone.
Med. int., Bucur. 3 no.7:1078-1083 Nov 56.

1. Lucrare efectuata in Serviciul de boli interne al Spitalului
M.A.I. "Victor Babes."

(LEUKEMIA, MYELOCYTIC, ther.
cortisone, case report)

(CORTISONE, ther. use
leukemia, myelocytic)

MARIN, YU. (The problems of increasing grain production and utilizing virgin soils and waste lands Miunkhen, 1954. 36 p,) (Institut po izucheniiu istorii i kul'tury SSSR, Munich. Issledovaniia i materialy. Seria 2, no. 17) NW

1. Grain - Russia. 2. Reclamation of land - Russia.

MAR'IN, Ye.M.

New agricultural machines. Standartizatsiia 29 no.10:56-58
0 '65. (MIRA 18:12)

MAR^o IN, Ye.M.

Silvicultural valuation of the technology of forest exploitation in
skidding untopped trees and hauling them on circular roads. Trudy
Kar. fil. AN SSSR no.25:29-34 '61. (MIRA 14:9)
(Forest management) (Lumbering)

MAR'IN, Ye. M.: Master Agric Sci (diss) -- "The forest-engineering significance of incomplete clearing in the continuous concentrated clearings under the conditions of Karelia". Sverdlovsk, 1958. 12 pp (Ural Forestry Engineering Inst), 150 copies (KL, No 2, 1959, 123)

MAR'IN, Ye.M.

Silvicultural significance of tree stands left for natural regeneration in the clearcuttings of Karelia. Trudy Kar. fil. AN SSSR
no.7:26-45 '57. (MLBA 10:9)

(Karelia--Reforestation)

L 39042-66 EWT(1)/EWP(e)/EWT(m)/T/EWP(j) IJP(c) WH/WE/CG/AT/RA/WH

ACC NR: AR6022896

SOURCE CODE: UR/0081/66/000/005/I012/I012

AUTHOR: Aksenov, V. P.; Hlinov, L. M.; Marin, V. P.; Polak, L. S.; Shchipachev, V. S.

TITLE: SHF plasmatron and some possible areas of its application in chemistry

SOURCE: Ref. zh. Khimiya, Part II, Abs. 5I101

REF SOURCE: Sb. Kinematika i termodinamika khim. reaktsiy v nizkoterperaturn. plazme, M., Nauka, 1965, 233-237

TOPIC TAGS: plasmatron, SHF, chemical synthesis, ionizing ~~radiation~~ *irradiate*

ABSTRACT: It is shown that by using the ionizing effect of SHF radiation one can carry out the following processes: synthesis of ammonia, recovery of nitrogen oxides from air (in the production of nitric acid); synthesis of hydrochloric acid, hydrocyanic acid; recovery of sulfur from hydrogen sulfide and flue gases; petroleum cracking; preparation of acetylene from methane; production of alcohols; chlorination, nitration, hydroxylation, carboxylation reactions; synthesis of benzene, biphenyl, phenol; polymerization of ethylene into polyethylene; preparation of pyroceramics; preparation of ultrathin films and metals. A diagram of the pulsed SHF device is given, and certain characteristics of the SHF discharge are described. Results of measurements of the temperatures and concentrations of electrons and ions in the SHF discharge and of preliminary experiments on the formation of nitrogen oxides in the SHF plasmatron are given. G. L. [Translation of abstract]

SUB CODE: 07

Card 1/1

L 16069-66

ACC NR: AT6004495

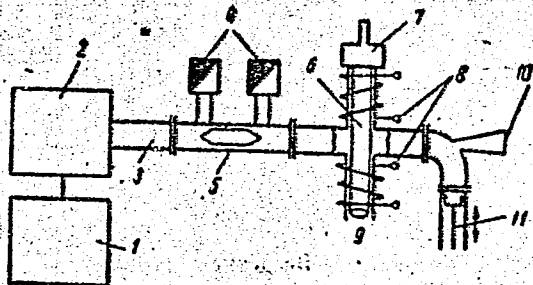


Fig. 1. 1--modulator; 2--magnetron; 3--wave guide $72 \times 34 \text{ mm}^2$; 4--calorimetric power (load) meters; 5--ferrite circulator; 6--discharge tube; 7--point of tangential air inlet; 8--selenoid; 9--point of introduction of gases; 10--plasma diagnostic observation window; 11--adjustable plunger.

standpoint of chemical technology, is the possibility of controlling the reaction temperature in a wide range, thus affecting both reaction rate and chemical equilibrium. The plasma temperature can be measured optically with great accuracy by means of an ICP-28¹⁰ spectrograph¹⁰ located perpendicular to the plasma motion axis. Plasma luminescence intensity is measured at a distance of 5 cm from the plasma active discharge zone. The dependence of the nitric oxide yield generated from air in the UHF plasma unit at 0.8 megawatt pulse power and air flow rate of 8 l/min is graphed. Orig. art. has: 2 figures.

SUB CODE: 07,20/

SUBM DATE: 08Jul65/

ORIG REF: 003/

OTH REF: 001

Card 2/2

L 16069-66 EWT(1)/ETC(f)/EPF(n)-2/ENG(m) IJP(c) GS/AT

ACC NR: AT6004495 SOURCE CODE: UR/0000/65/000/000/0233/0237

AUTHOR: Aksenov, V. P.; Blinov, L. M.; Marin, V. P.; Polak, L. S.; Shchipachev, V. S.

ORG: none

21,44,55

TITLE: An ultra-high frequency plasma generator and some of its possible applications in chemistry

SOURCE: AN SSSR. Institut neftekhimicheskogo sinteza. Kinetika i termodinamika khimicheskikh reaktsiy v nizkoterperaturnoy plazme (Kinetics and thermodynamics of chemical reactions in low-temperature plasma). Moscow, Izd-vo Nauka, 1965, 233-237

TOPIC TAGS: high energy plasma, plasma device, plasma generator, nitric oxide, plasma chemistry, UHF, plasma diagnostics, luminescence, spectrographic analysis

ABSTRACT: It is indicated that UHF plasma discharge at above atmospheric pressures may become an important tool in chemical technology since it permits carrying out chemical reactions at lower temperatures and pressures than would be necessary in the case of the corresponding catalytic processes. The UHF plasma generator set-up is shown in fig. 1. The basic advantage of the UHF plasma generator, from the

Card 1/2

84
84
B+1

MARIN, V.P.

Changes in the glutathione and ascorbic acid content of the blood and organs of guinea pigs and rabbits under the influence of streptomycin and paraaminosalicylic acid. Zdravookhraneniye 2 no.5:57-61 S-0 '59. (MIRA 13:4)

1. Iz kafedry biokhimi (zaveduyushchiy prof. M.S. Mikhlin) Kishinevskogo meditsinskogo instituta.
(GLUTATHIONE) (ASCORBIC ACID) (STREPTOMYCIN) (SALICYLIC ACID)

MARIN, V. H., and VINOGRADOV, G. V.

"Mechanical properties of concentrated polymer solutions," a paper
presented at the 9th Congress on the Chemistry and Physics of High Polymers,
28 Jan-2 Feb 57, Moscow, .

B-3,084,895

TIKKOYEV, V.A.; SERDYUK, N.F.; SAPUTO, M.P.; GORISHNIY, Ya.I.; VOROB'YEV,
V.F.; GUNDZILOVICH, A.A.; PRIVALOV, V.G.; MARIN, V.I.;
LEVCHENKO, R.S.

The best in the profession. Put' i put.khoz. 6 no.12:4-9, 11,
16-17 '62. (MIRA 16:1)

1. Zamestitel' nachal'nika Petrozavodskoy distantzii puti
Oktyabr'skoy dorogi (for Tikkoyev).
2. Nachal'nik Solvychevskoy
distantzii Severnoy dorogi (for Serdyuk).
3. Nachal'nik
Shchorskoyskoy distantzii puti Yugo-Zapadnoy dorogi (for Saputo).
4. Nachal'nik Kotovskoy distantzii puti, Odesskoy dorogi (for
Gorishniy).
5. Nachal'nik Sverdlovsk-Passazhirskoy distantzii
puti Sverdlovskoy dorogi (for Vorob'yev).
6. Nachal'nik
L'govskoy distantzii puti Moskovskoy dorogi (for Marin).
7. Zamestitel' nachal'nika Shar'inskoy distantzii Severnoy dorogi
(for Levchenko).

(Railroads--Employees)

MARIN, V.I.

Rheostatic tests of diesel locomotives without preliminary heating
of the generator winding. Elek. i tepl. tiaga 5 no.3:12 Kr '61.
(MIRA 14:6)

1. Master reostatnykh i spytaniy depo Orsk Kuybyshevskoy dorogi.
(Diesel locomotives--Testing)

MAR'IN, V.D., inzh.

Success was insured by a proper organization of work. Masl.-zhir.
prom. 27 no.41-42 My '61. (MIRA 14:5)

1. Shebekinskiy kombinat sinteticheskikh zhirnykh kislot i zhirnykh
spirtov.

(Shebekino--Oil industries)

UMANSKIY, A.A.; AFANAS'YEV, A.M.; VOL'MIR, A.S.; GRIGOR'YEV Vn.P.;
KODANEV, A.I.; MAR'IN, V.A.; NOVITSKIY, V.V.; TIKHOMIROV,
Ye.N., retsenzent; SNITKO, I.K., red.

[Collection of problems on the strength of materials]
Sbornik zadach po soprotivleniiu materialov. Izd.2.,
perer. i dop. Moskva, Nauka, 1964. 550 p. (MIRA 18:1)

MARIN, V.A., inzh.

Mechanizing the process of assembling threaded joints. Vest.-
mashinostr. 42 no.9:64-66 S '62. (MIRA 15:9)
(Assembly-line methods)

S/124/61/000/010/049/056
D251/D301

The stability of a cylindrical...

linear case and 2 in the non-linear. In solving the linear problem the case when the sum of the indices $m + n$ is discussed in detail. The upper and lower critical stresses are established. The computed tables and graphs are presented. The results are compared with experimental data. [Abstracter's note: Complete translation]

Card 2/2

S/124/61/000/010/049/056
D251/D301

AUTHOR: Mar'in, V.A.

TITLE: The stability of a cylindrical panel under shearing

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 10, 1961, 6,
abstract 10 V46 (V sb. Raschet prostranstv. konstr-
uktsiy, no. 5, M., Gosstroyizdat, 1959. 485-501)

TEXT: An investigation is carried out of the stability of
small and large-scale circular inclined panesl with edges supported
by hinges under the action of tangential forces through all sec-
tions. The Bubnov-Galerkhin method is applied; the bending func-
tion is given approximately by

$$w = \sum_m \sum_n f_{mn} \sin \frac{m\pi x}{a} \sin \frac{n\pi y}{b}$$

(a, b are sides of the panel) with computation of 8 terms in the

Card 1/2

MARIN, V.

Installation for pretensioning. p. 3

CONSTRUCTORUL, Bucuresti, Vol 8, No. 327, Apr. 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

UMANSKIY, A.A.; AFANAS'YEV, A.M.; VOL'MIR, A.S.; GRIGOR'YEV, Yu.P.;
KODANEV, A.I.; MAR'IN, V.A.; PRIGOROVSKIY, N.I.; SNITKO, I.K.,
redaktor; AKHLANOV, S.N., tekhnicheskij redaktor.

[Collection of problems on the strength of materials] Sbornik
zadach po soprotivleniyu materialov. Moskva, Gos. izd-vo tekhn.-
teoret. lit-ry, 1954. 480 p. (MLRA 7:12)
(Strength of materials)

MARIN, Virgil, ing.

New system of hydraulic tightening. Metalurgia constr 228
14 no.6:520-525 Ia '62.

1. Institutul de studii, cercetari si proiectari tehnologice
pentru industria constructoare de masini si utilaje si
industria electrotehnica.

RUMANIA

SPORN, A., Dr; SCHOBESCH, O., Dr; MARIN, Victoria, Biolog; PANAI-
TESCU, Elena; RUNCANU, Lucia

Section for Alimentary Hygiene of The Institute of
Hygiene and Protection of Labor of the RPR (Sectia
de igiena alimentatiei a Institutului de igiena si
protectia muncii al RPR) - (for all)

Bucharest, Igiena, No 5, 1963, pp 437-445

/ "Studies on the Toxicity of Butyl Acetate, Methyl-
naphthylketone and Ionone"

(5)

GEORGESCU-GORJAN, St., ing.; ISOPENKO, N., ing. [deceased];
MARIN, V., ing.

Light cranes used in construction. Pt. 2. Rev constr si mat
constr 16 no. 2:84-94 F '64.

MAI IN, Vasile, ing.; RADU, Vasile

Receiving installations for frequency-shift radio communications
of the F1 and F6 types. Telecommunicatii 8 no. 4:176-180 31 '64.

GEORGESCU-GORJAN, St.. ing.; ISOPENCO, N., ing. [deceased];
MARIN, V., ing.

Light cranes used for constructions. Rev constr si
mat constr 16 no. 1:13-23 Ja '64.

IACOB, A., ing.; MARIN, V., ing.

Television translation station from channel II to channel IV,
International Broadcasting Organization. (II). Telecommunicati
6 no.3:116-120 My-Je '62.

SANDULESCU, Iosif, ing.; MARIN, Titl, ing.

The idle standing freight cars and their rentability.
Rev cailor fer 10 no.2:63-69 F '62.

1. Directia Miscarii si Comercialului.

MARIN, T.: FRIS-GACESA, T.

Colorimetric determination of vanadium in bausite and red mud, p. 130.
TEHNICKI PREGLED. (Centar za naucnu dokumentaciju i produktivnost NR
Hrvatske) Zagreb. Vol. 7, No. 4, 1955.

SOURCE: East European Accessions List, (EEAL) Library of Congress,
Vol. 5, No. 8, Aug. 1956.

YUGO.

Determination of mineral composition of red boehmite-gibbsite bauxite. I. Alumina components. S. Maričić, L. Ljugar, and T. Marica (*Archiv. Chem.*, 1954, 28, 133-154).—Extraction of bauxite with 40% aq. NaOH (3 hr. at the b.p. under reflux) removes gibbsite, leaving boehmite and kaolin in the residue, which is washed, dried, and analyzed in the usual way for SiO_2 , Fe_2O_3 , Al_2O_3 , hydrate H_2O , and humin; the initial bauxite is also analyzed. From these data the gibbsite, boehmite, kaolinite, and humin contents are calculated. R. Tauscz.